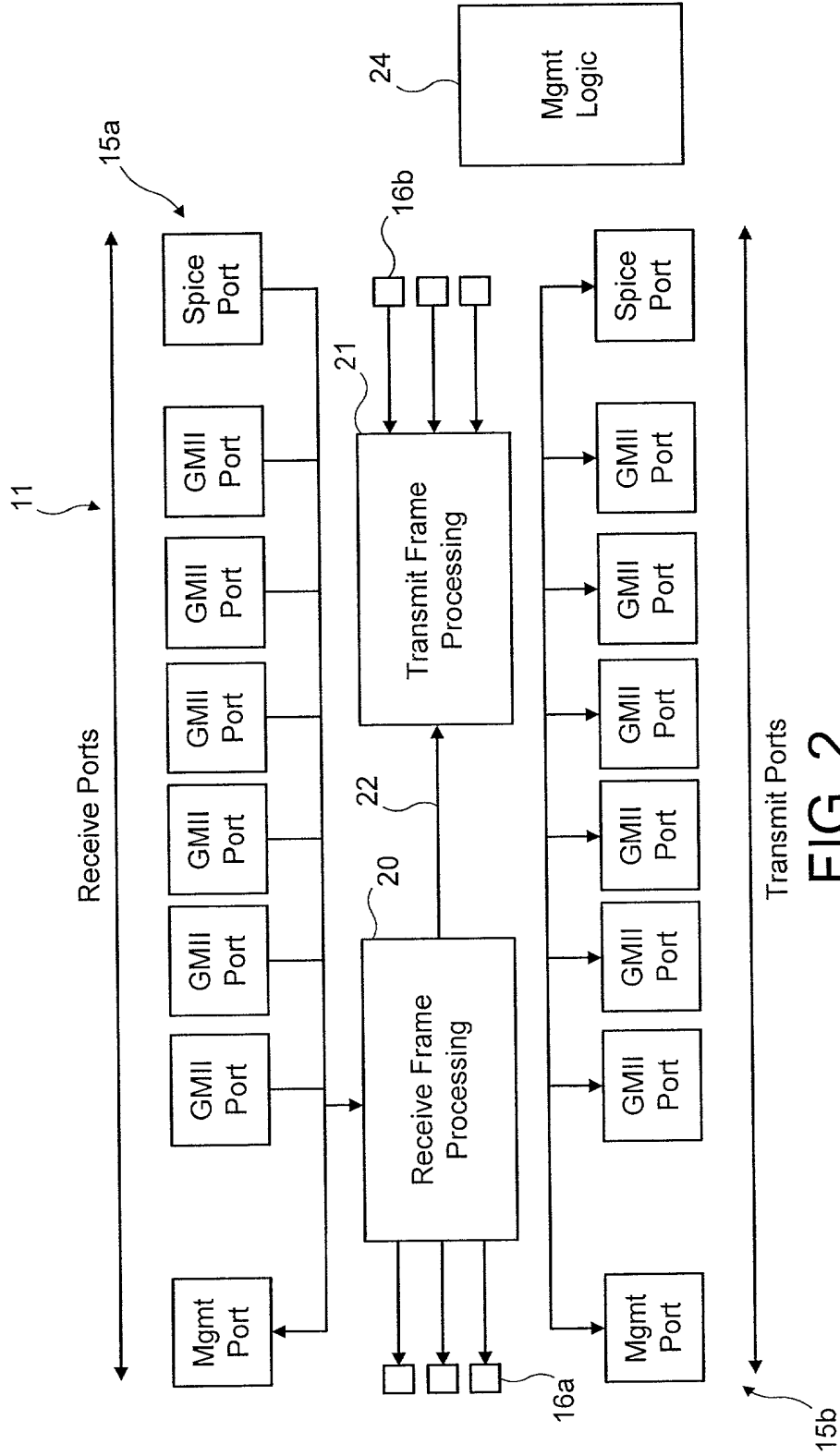


FIG. 1



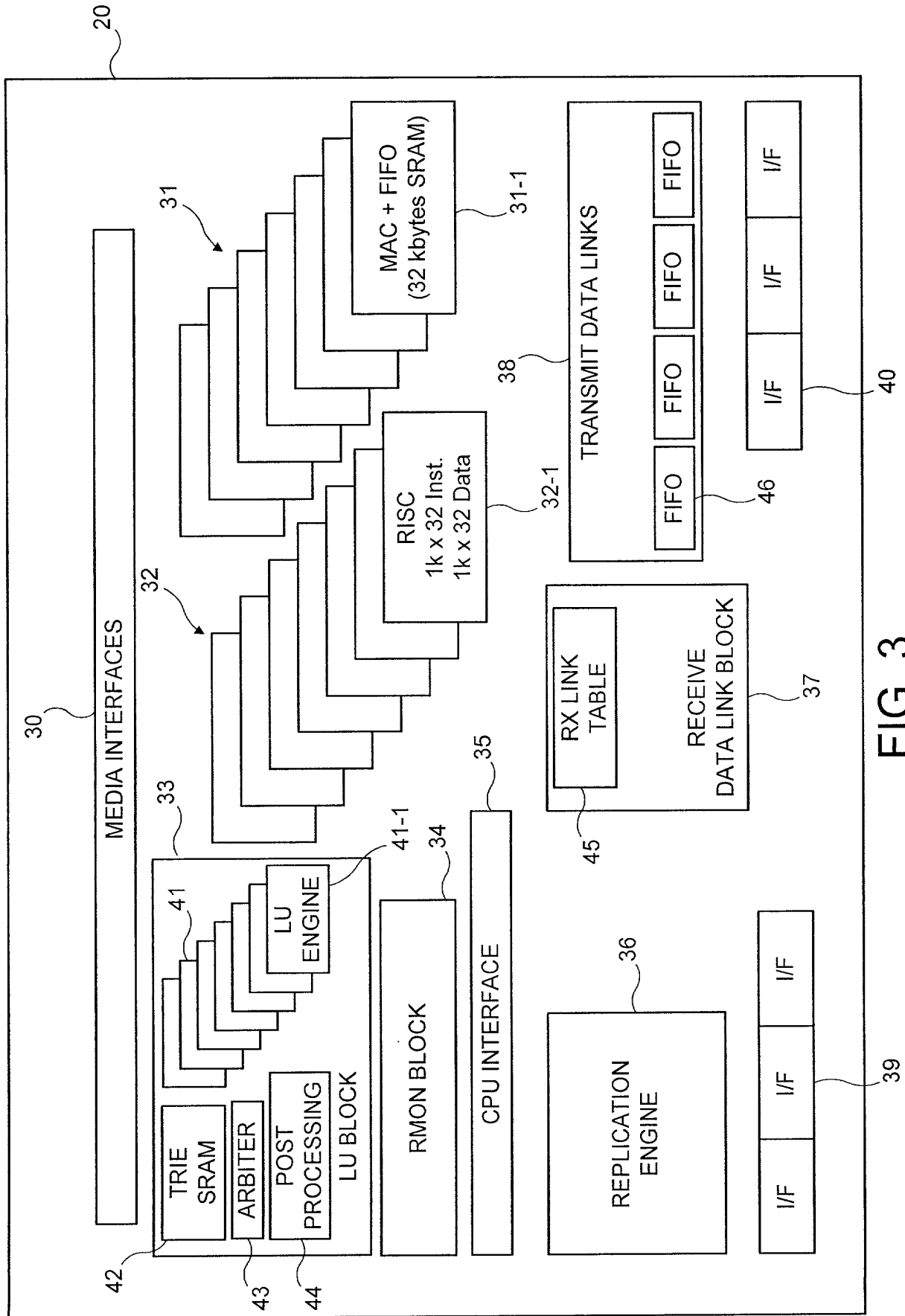


FIG. 3

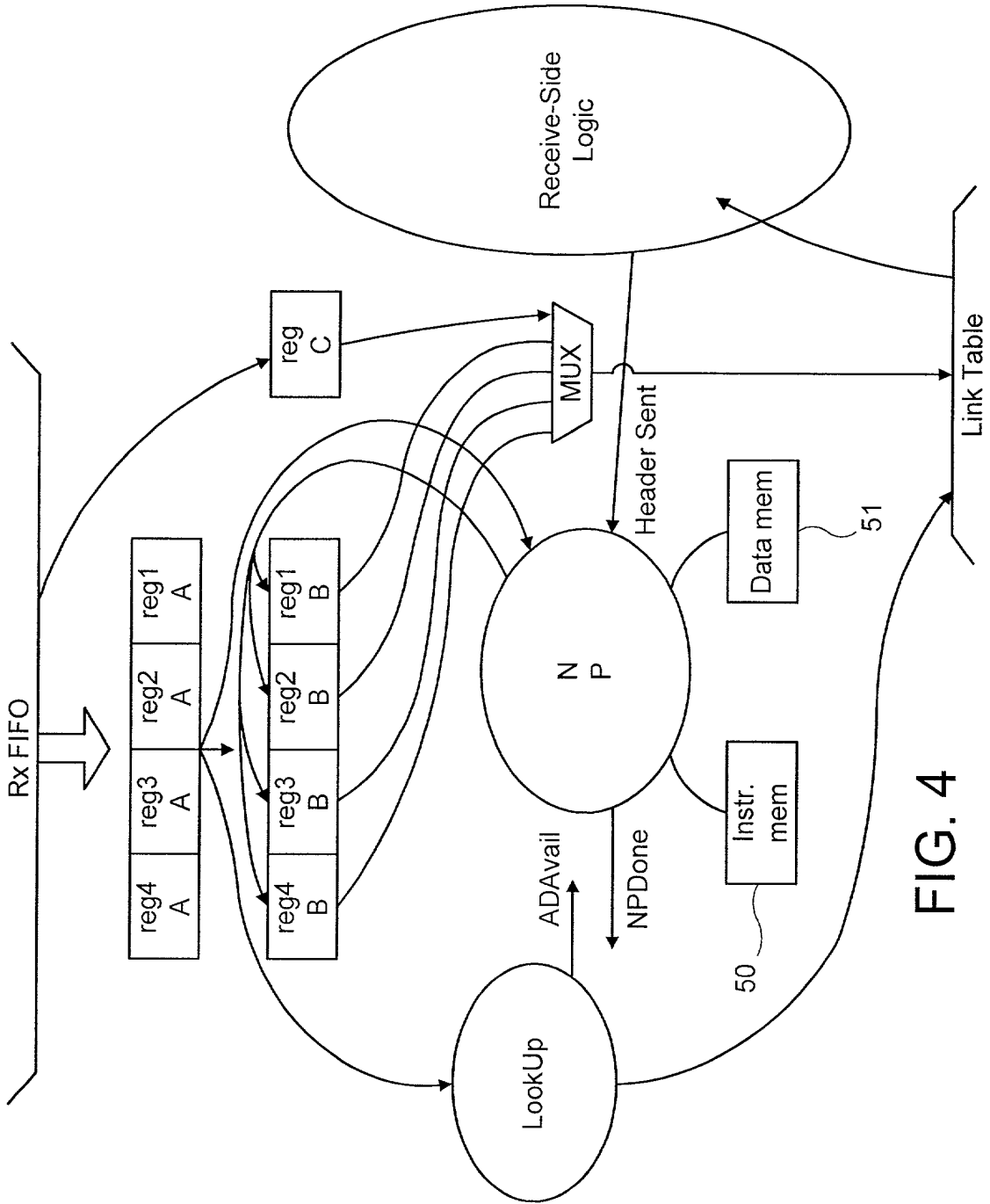


FIG. 4

| Word | Layer 2 AD<br>Layer 3 Unicast/Browser AD |                        |
|------|--|------------------------|
| 0    | MAC address [47:32]                      | MAC address [31:16]    |
| 1    | MAC address [15:0]                       | Control word [15:0]    |
| 2    | Unused [31:17]                           | HNAT Direction [17:16] |
| 3    | New IP Address [31:0]                    |                        |
| 4    | Port Bitmask [31:0]                      |                        |

FIG. 5A

| Word1<br>Bit | Layer 2 AD<br>Layer 3 Unicast/Broadcast AD | Layer 3 Multicast AD |
|--------------|--|----------------------|
|              |  |                      |
| 15           | SendToPVID                                 | SendToPVID           |
| 14           | ForwardAlways                              | ForwardAlways        |
| 13           | BridgeOnly                                 | BridgeAlways         |
| 12:8         | PortID[4:0]                                | PortID[4:0]          |
| 7            | MDS  | MDS                  |
| 6            | NoMisMatch                                 | Unused               |
| 5:4          | Age[1:0]                                   | Unused               |
| 3:0          | Box Bitmask[3:0]                           | Box Bitmask[3:0]     |
|              |  |                      |

FIG. 5B

| Word2<br>Bit | Layer 2 AD<br>Layer 3 Unicast/Broadcast AD | Layer 3 Multicast AD |
|--------------|--|----------------------|
|              |  |                      |
| 15:7         | ReplicationPtr[8:0]                        | ReplicationPtr[8:0]  |
| 6:5          | CpuPriority[1:0]                           | CpuPriority[1:0]     |
| 4:0          | VlanID[4:0]                                | VlanID[4:0]          |
|              |  |                      |

FIG. 5C

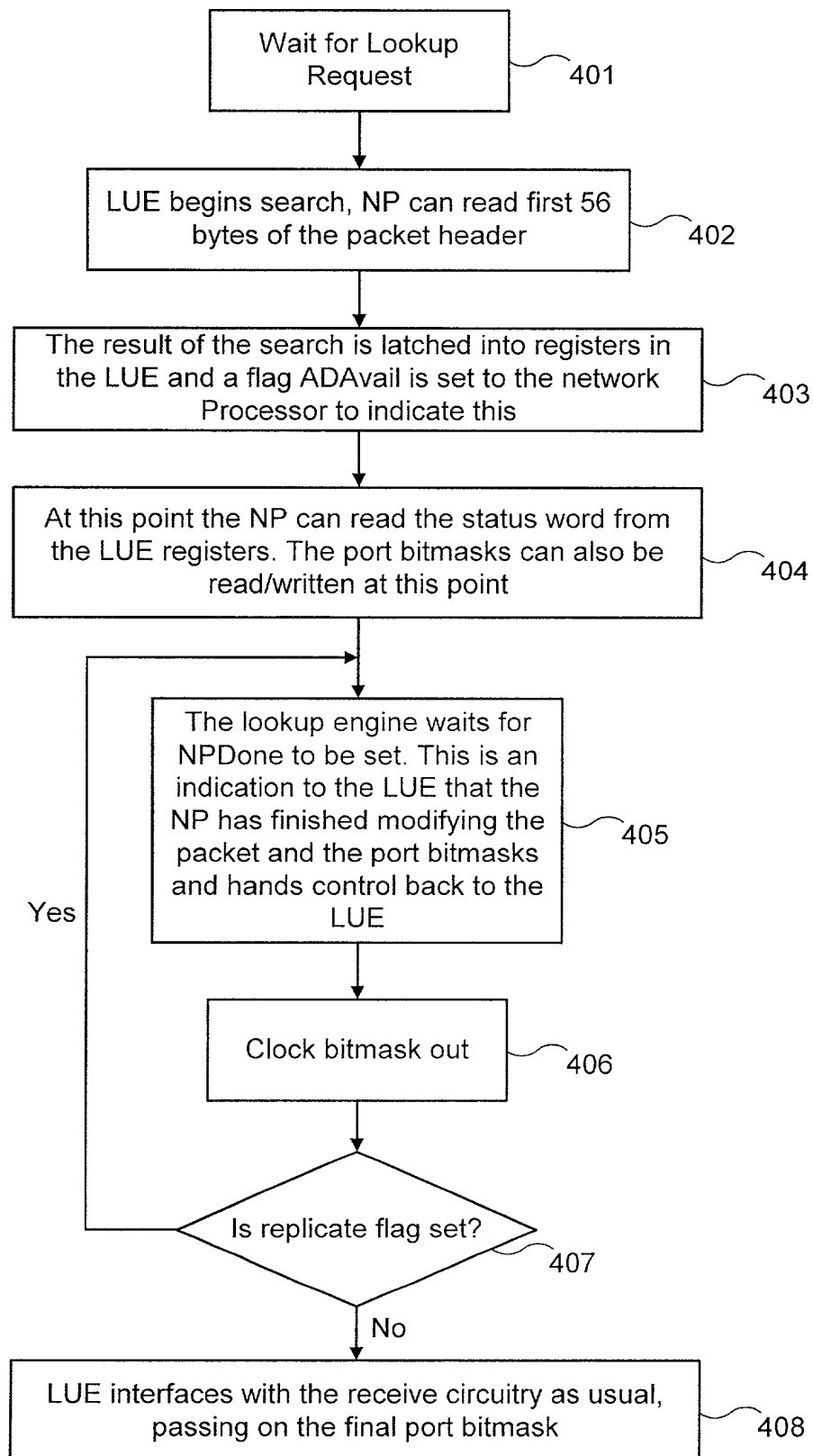


FIG.6

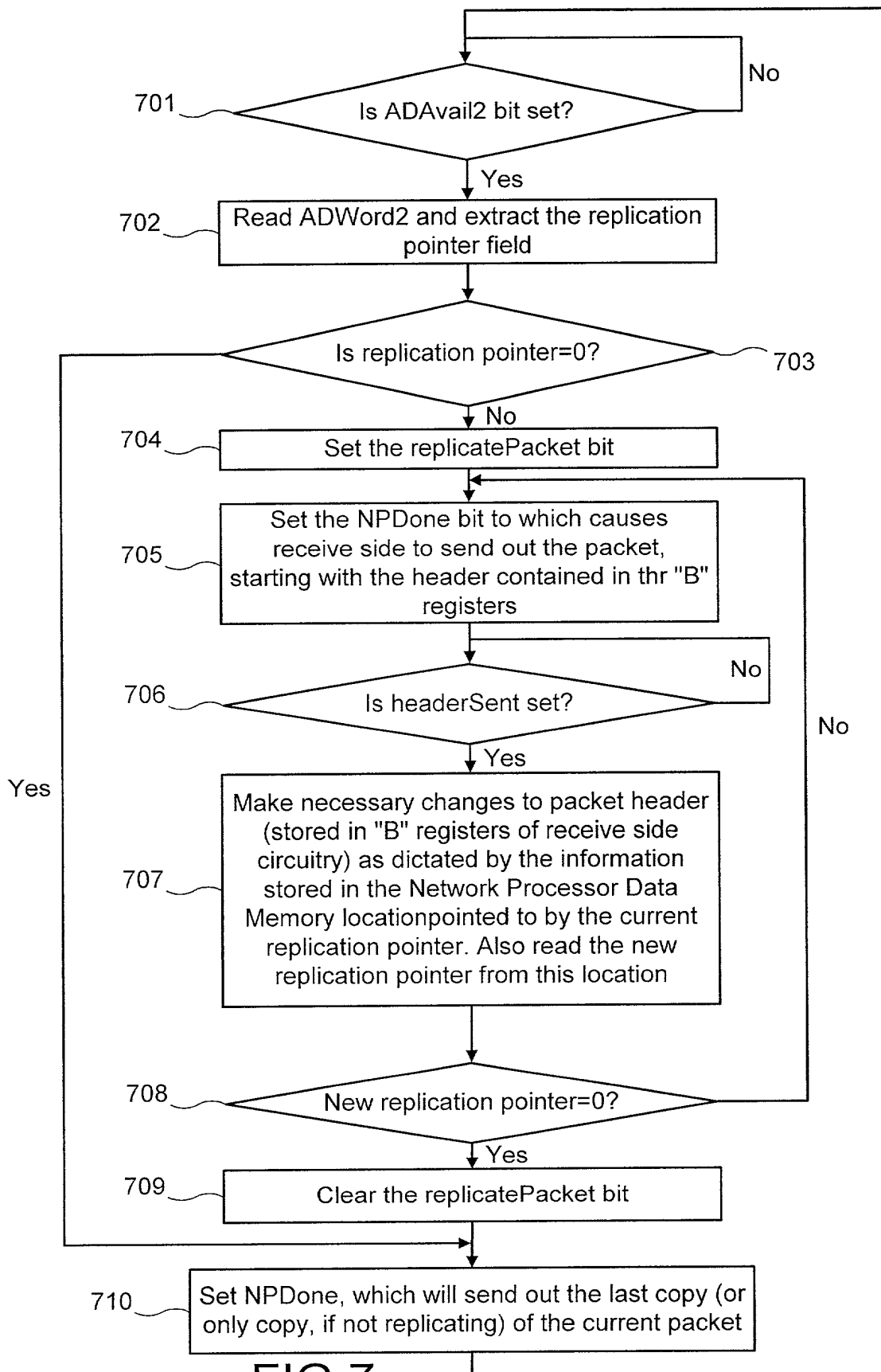


FIG.7



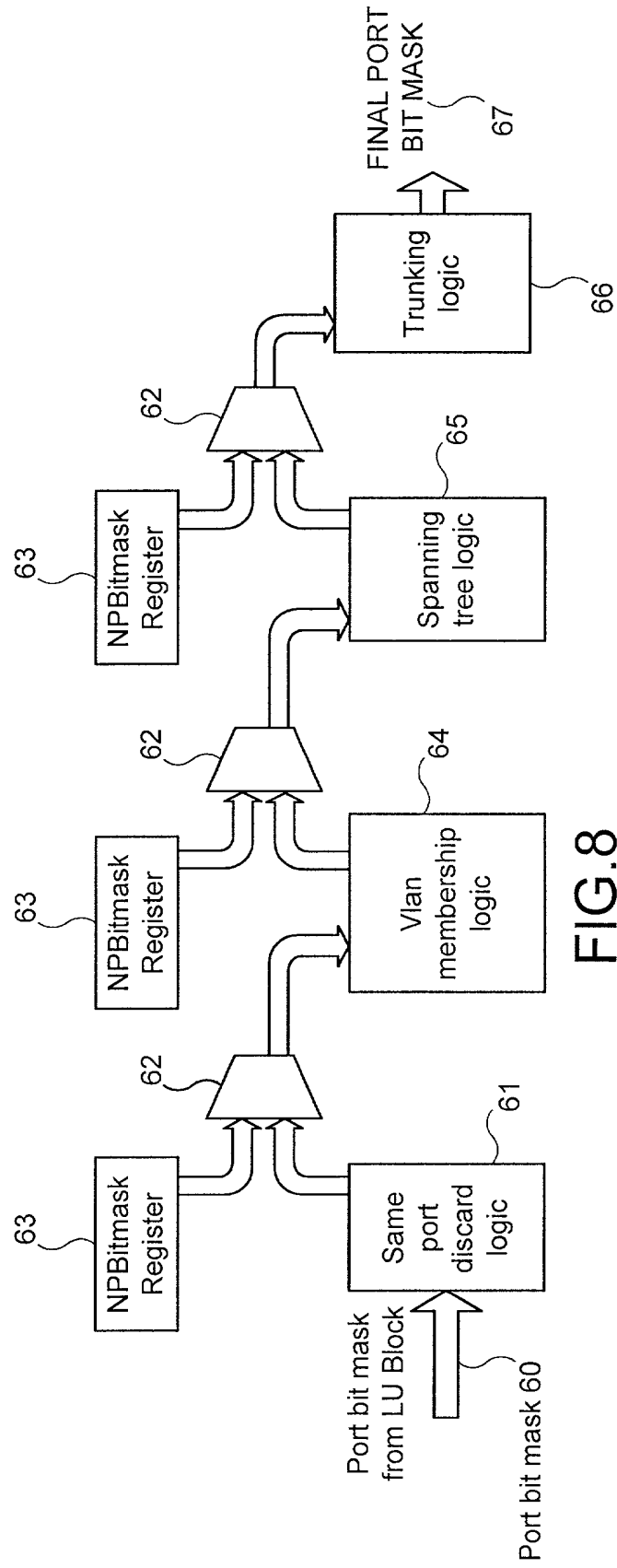


FIG.8

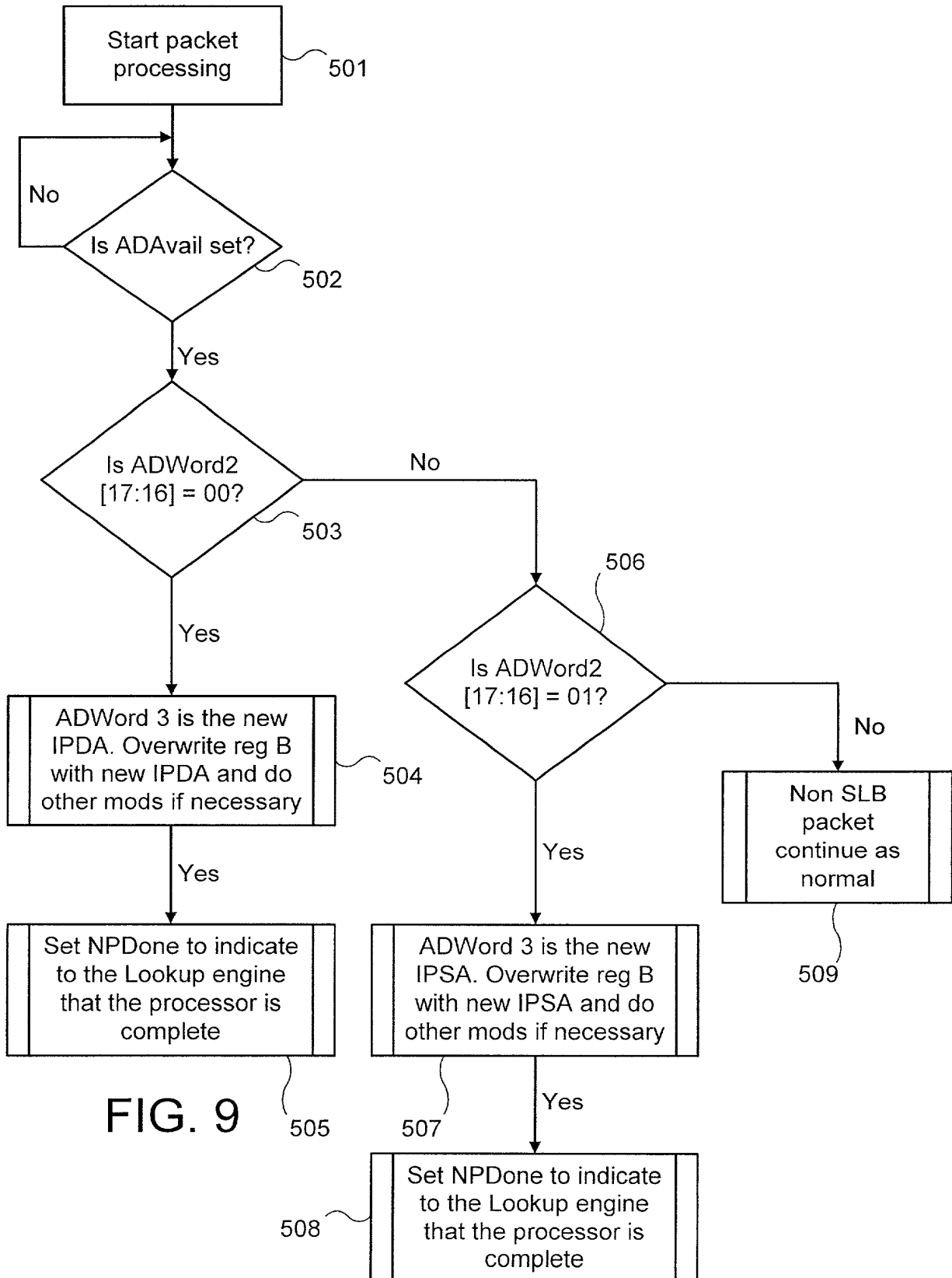


FIG. 9

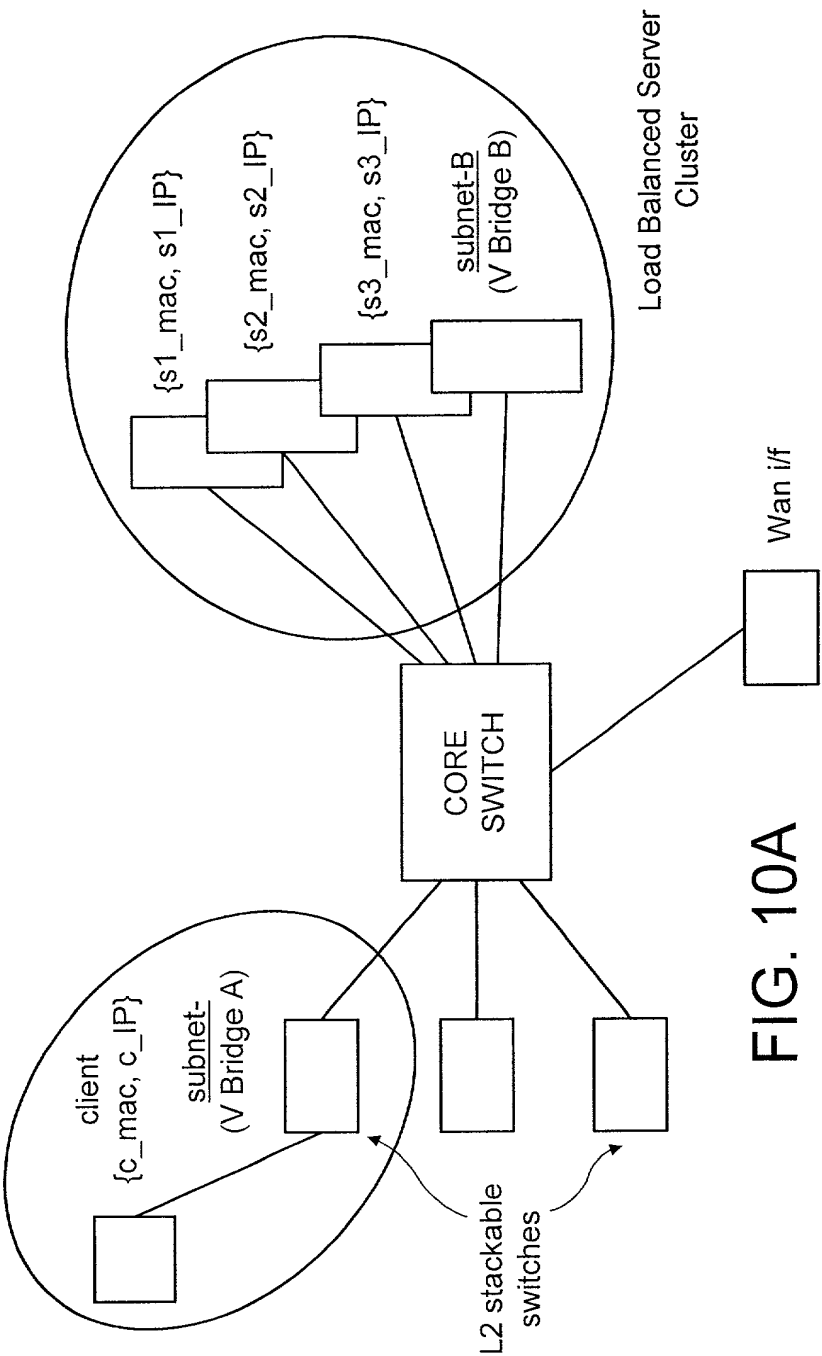


FIG. 10A

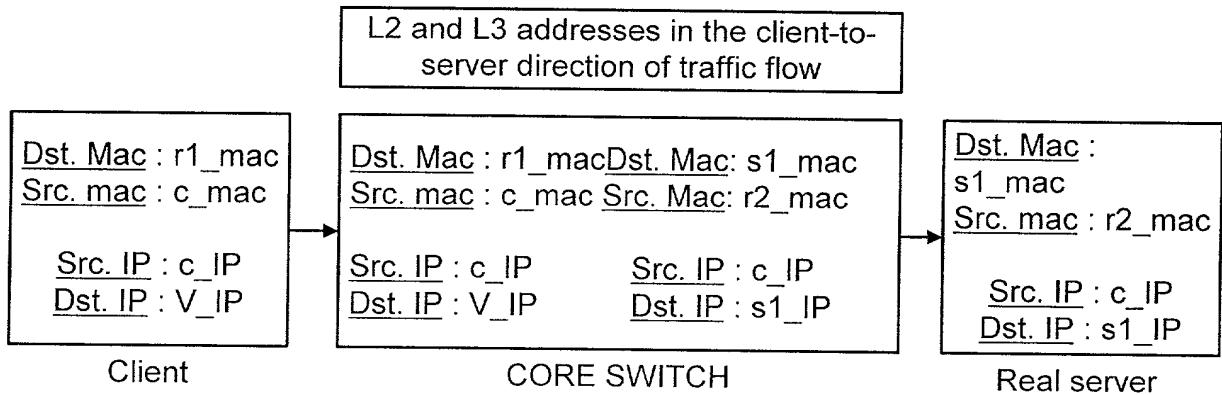


FIG. 10B

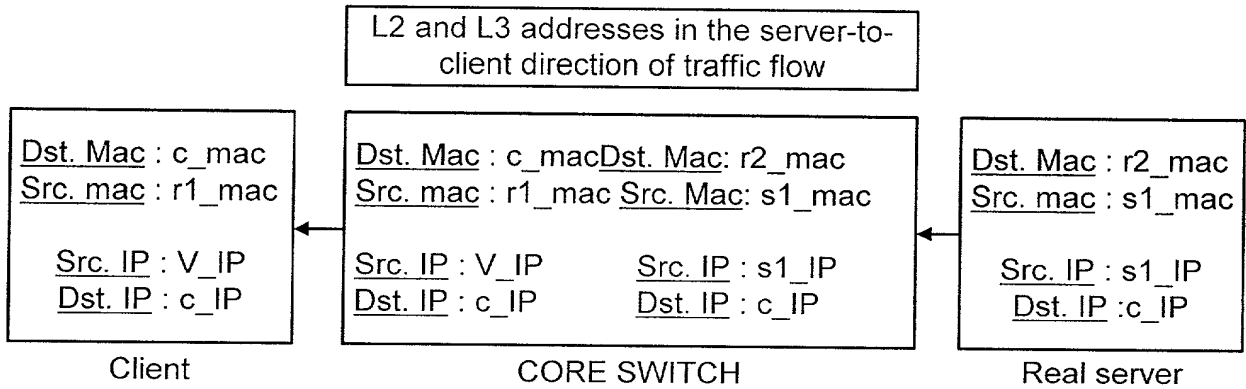


FIG. 10C